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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : McKerracher et al.

Serial No. : 09/184,572

Filed : November 2, 1998

Title : RHO FAMILY ANTAGONISTS AND THEIR USE TO BLOCK INHIBITION OF NEURITE OUTGROWTH

Art Unit : 1644

Examiner : S. Turner

Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND RESPONSE

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In response to the Office Action mailed August 27, 2002, Applicants submit the following amendments and remarks. **TECH CENTER 1600/2900**

In the specification:

Please replace the paragraph beginning at page 6, line 22, with the following rewritten paragraph:

E1
Fig. 1 shows results of treatment with C3 to stimulate neurite outgrowth on inhibitory MAG substrates. Fig. 1A shows PC12 cells plated on MAG remained rounded and did not extend neurites. Fig. 1B shows cells plated on MAG in the presence of C3 grew neurites. Fig. 1C shows PC12 cells plated on polylysine (PLL) substrates as a positive control.

Please replace the paragraph beginning at page 7, line 4, with the following rewritten paragraph:

E2
Fig. 2 shows the role of integrins in overriding growth inhibition by myelin. The anti- $\alpha 1$ integrin function blocking antibody, 3A3, was used to determine if integrin function is necessary for laminin to override growth inhibition by myelin or MAG. For experiments on

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